



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edwin Madison *et.al.*
Serial No.: 10/099,700
Filed: March 13, 2002

For: **NUCLEIC ACID MOLECULES
ENCODING A TRANSMEMBRANE SERINE
PROTEASE 7, THE ENCODED POLYPEPTIDES
AND METHODS BASED THEREON**

Confirmation No.: 4309
Art Unit: 1645
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents
U.S. Patent and Trademark office
P.O. Box 2327
Arlington, VA 22202, on this date.

06/12/02
Date

[Signature]
Lynn Morkunas

TRANSMITTAL LETTER

RECEIVED

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

JUL 11 2002

TECH CENTER 1600/2900

Sir:

Transmitted herewith is a Preliminary Amendment for filing in connection with the above-identified application.

- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213.

Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By: *[Signature]*
Stephanie L. Seidman
Registration No. 33,779

Attorney Docket No.: 24745-1613
Address all correspondence to:
Stephanie L. Seidman, Esq.
HELLER, EHRMAN, WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, 7th Floor
San Diego, California 92122-1246
Telephone: (858) 450-8400
Facsimile: (858) 587-5360
EMAIL: sseidman@hewm.com

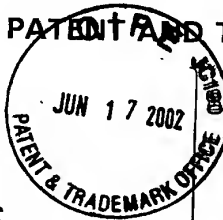
RECEIVED

JUN 21 2002

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edwin Madison *et. al.*
Serial No.: 10/099,700
Filed: March 13, 2002



For: **NUCLEIC ACID MOLECULES
ENCODING A TRANSMEMBRANE SERINE
PROTEASE 7, THE ENCODED POLYPEPTIDES
AND METHODS BASED THEREON**

Confirmation No.: 4309
Art Unit: 1645
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
U.S. Patent and Trademark office
P.O. Box 2327
Arlington, VA 22202, on this date.

06/12/02
Date

Lynn Morkunas

RECEIVED

JUL 11 2002

PRELIMINARY AMENDMENT

TECH CENTER 1600/2900

Commissioner for Patents
U.S. Patent and Trademark office
P.O. Box 2327
Arlington, D.C. 22202

RECEIVED

JUN 21 2002

TECH CENTER 1600/2900

Dear Sir:

Preliminary to examination of the above-captioned patent application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up copy of the amended specification is attached to this Amendment):

Please replace the paragraph on page 1, lines 17-29, with the following paragraph:

Q1 Cancer, which is a leading cause of death in the United States, is characterized by an increase in the number of abnormal neoplastic cells, which proliferate to form a tumor mass, the invasion of adjacent tissues by these neoplastic tumor cells, and the generation of malignant cells that metastasize via the blood or lymphatic system to regional lymph nodes and to distant sites. Among the hallmarks of cancer is a breakdown in the communication among tumor cells and their environment. Normal cells do not divide in the absence of stimulatory signals and cease dividing in the presence of inhibitory signals. Growth-stimulatory and growth-inhibitory signals, are routinely exchanged between cells within a tissue. In a cancerous, or neoplastic state, a cell